

Patent Claims

1. Motor vehicle with a movable convertible top, whereby a control device for  
5 controlling a convertible top motion and a device for the recognition of the con-  
vertible top position are provided, wherein the device (5) for convertible top posi-  
tion recognition continuously monitors the position of the convertible top (1; 1'),  
whereby the position of a defined element of the convertible top (1; 1') is deter-  
mined by means of at least one acceleration sensor (6, 7, 8) that measures the cur-  
10 rent acceleration in relationship to the acceleration of free fall.
2. Motor vehicle according to claim 1, wherein several acceleration sensors (6, 7, 8)  
are located on the elements (9, 10, 11; 12, 13, 14) of a convertible top mechanism  
15 (2) and connected to an electronic analysis unit (15), which uses the signals of the  
acceleration sensors (6, 7, 8) to calculate a relative position, which, in conjunc-  
tion with the present information on the vehicle incline, results in the current  
convertible top position.
3. Motor vehicle according to claims 1 or 2, wherein the control device (3) for  
20 controlling the convertible top motion comprises a further acceleration sensor  
(17) that is used to detect the vehicle's inclination.